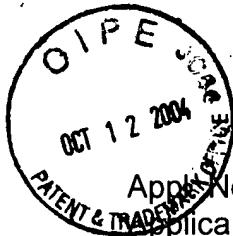


10-13-04 BFW



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/735,601 Confirmation No. 2496
Applicant : Smith et al.
Filed : December 12, 2003
TC/A.U. : 1635
Examiner : Brian A. Whiteman
For : MULTI-ANTIGENIC ALPHAVIRUS REPLICON
PARTICLES AND METHODS
Docket No. : 95-02
Customer No. : 23713

Commissioner for Patents
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Date	Cathy Nelson
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INFORMATION DISCLOSURE STATEMENT

Sir:

Applicants respectfully note that additional U. S. patent documents were made of record in an Information Disclosure Statement filed electronically on October 7, 2004.

The Examiner is respectfully requested to consider the references, copies enclosed, which may qualify as prior art. For the Examiner's convenience, the references are listed on the attached Patent and Trademark Office form PTO-1449.

This information is cited in a spirit of forthrightness and cooperation to enable the applicants to obtain that measure of protection for the invention to which there is entitlement. However, no representation is made that the listed art actually qualifies as prior art under the patent statute and the mere use of PTO-1449 is not an admission that all listed references are prior art. No representation is made that applicants know of the best art.

It is believed that this submission does not require the payment of a fee. If this is not correct, please charge any required fee to deposit account no. 07-1969.

Respectfully submitted,



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Attorney Docket No. 95-02
October 12, 2004

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Sheet 1 of 3

Substitute for form 1449/PTO, based on PTO/SB/08A and 08B

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Application Number	10/735,601
Filing Date	December 12, 2003
First Named Inventor	Smith et al.
Art Unit	1635
Examiner Name	Brian A. Whiteman
Attorney Docket Number	95-02

GWS 10/12/2004

U.S. PATENT DOCUMENTS

Examiner Initial*	Cite No. ¹	Document Number (US-)	Publication Date (MM-DD-YYYY)	Name	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear (or entire document unless noted otherwise)

FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No. ¹	Foreign Patent Document Number (include WIPO country code)	Publication Date (MM-DD-YYYY)	Name	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear (or entire document unless noted otherwise)	T ²
	1	WO 92/10578	06/25/1992			
	2	WO 99/08706	02/25/1999			

NON-PATENT LITERATURE DOCUMENTS

Examiner Initial*	Cite No. ¹	REFERENCE Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	Balasuriya et al. (Feb. 2002) "Alphavirus replicon particles expressing the two major envelope proteins of equine arteritis virus induce high level protection against challenge with virulent virus in vaccinated horses"; <i>Vaccine</i> 20:1609-1617.	
	2	Barry et al. (2004) "Expression library immunization to discover and improve vaccine antigens"; <i>Immunological Reviews</i> 199:68-83	
	3	Bell et al. (Mar. 1978) "Effect of Low-NaCl Medium on the Envelope Glycoproteins of Sindbis Virus"; <i>J. Virol.</i> 25(3):764-769	
	4	Bergman et al. (Apr. 2003) "Long-Term Survival of Dogs with Advanced Malignant Melanoma after DNA Vaccination with Xenogeneic Human Tyrosinase: A Phase I Trial"; <i>Clin. Cancer Research</i> 9:1284-1290	
	5	Casimiro et al. (Jan. 2002) "Vaccine-induced immune responses in rodents and nonhuman primates by use of a humanized immunodeficiency virus type 1 pol gene"; <i>J. Virol.</i> 76:185-195	
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	7	Geisbert et al. (May 2002) "Evaluation in Nonhuman Primates of Vaccines against Ebola Virus"; <i>Emerging Infect. Dis.</i> 8(5):503-507	

Examiner Signature		Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional).

²Applicant is to place a check mark here or "x" if English language Translation is attached.

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9	Heiser et al. (Feb. 2002) "Autologous Dendritic Cells Transfected with Prostate-Specific Antigen RNA Stimulate CTL Responses Against Metastatic Prostate Tumors," <i>J. Clin. Inv.</i> 109 (3):409-417
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13	Kumamoto et al. (Jan. 2002) "Induction of Tumor-Specific Protective Immunity by <i>in situ</i> Langerhans Cell Vaccine," <i>Nature Biotech.</i> 20 :64-69
14	Leitner et al. (Jan. 2000) "Enhancement of Tumor-specific Immune Response with Plasmid DNA Replicon Vectors"; <i>Cancer Research</i> 60 :51-55
15	Li et al. (October 1996) "Production of infectious recombinant Moloney murine leukemia virus particles in BHK cells using Semliki Forest virus-derived RNA expression vectors." <i>Proc. Natl. Acad. Sci. USA.</i> 93 :11658-11663
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20	Ragupathi et al. (Aug. 2002) "The case for polyvalent cancer vaccines that induce antibodies"; <i>Expert Rev. Vaccines</i> 1 (2):193-206
21	Rayner et al. (Sep.-Oct. 2002) "Alphavirus Vectors and Vaccination," <i>Rev. Med. Virol.</i> 12 :279-296
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23	Slepushkin et al. (Sep.-Oct. 2003) "Large scale purification of a lentiviral vector by size exclusion chromatography or mustang Q ion exchange capsule."; <i>Bioprocessing J.</i> p:89-94
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OCT 12 2004

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26	Wilson et al. (Aug. 2001) "Vaccine Potential of Ebola Virus VP24, VP30, VP35, and VP40 Proteins"; <i>Virology</i> 286 :384-390	
27	Yamanaka et al. (Sept. 2002) Marked enhancement of antitumor immune responses in mouse brain tumor models by genetically modified dendritic cells producing Semliki Forest virus-mediated interleukin-12"; <i>J. Neurosurg.</i> 97 :611-618.	
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29	Ying et al. (1999) "Cancer therapy using a self-replicating RNA vaccine"; <i>Nature Medicine</i> 5 (7):823-827	

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